

Claims

1. A broad-band, computer-based networked system comprising:
an encrypted collection of electronic medical records of a plurality of persons
wherein:
the medical records are obtained and electronically compiled from a plurality
of sources;
the medical record of a person is transmissible in whole or in part only to that
person and others authorized by that person;
each medical record can be supplemented with additional information; and
additional medical records for additional persons may be added to the
collection;
a secure access for allowing each person to access only their own medical record; and
another secure access for allowing said others authorized to access only that person's
medical records.
2. The system of claim 1 wherein said medical records are electronically compiled by
direct input or digital scanning of written information into a computer-readable
format.
3. The system of claim 1 wherein the sources are selected from the group consisting of
hospitals, clinics, physician's offices, pharmacies and combinations thereof.
4. The system of claim 1 wherein said medical records are transmissible through the
Internet.
5. The system of claim 1 wherein the medical record for each person contains one or
more of: a table of contents, an index, a source notation for information contained
within the medical record, an electronic search tool, annotations for errors, linked
annotations for errors, treatment options, health care choices, verification standards
and news items relevant to the information in the medical record.
6. The system of claim 1 wherein the secure access and the another secure access
comprise passwords or encryption keys.

7. The system of claim 1 wherein the others authorized are selected from the group consisting of physicians, nurses, hospitals and health care institutions.
8. The system of claim 1 wherein one or more medical record possesses the characteristic of non-repudiation.
9. The system of claim 8 wherein said non-repudiated medical record is primary for treatment of the patient to whom said non-repudiated medical record pertains.
10. The system of claim 1 wherein each medical record is certified as accurate.
11. The system of claim 10 wherein each certified medical record is certified as accurate by the patient, by the source from which said each medical record was obtained, by a system provider or by a combination thereof.
12. The system of claim 1 wherein the collection comprises medical records of more than 100,000 persons.
13. The system of claim 1 wherein said collection complies with a federal or state standard of privacy and security.
14. The system of claim 13 wherein the federal standard is the Health Insurance Portability and Accountability Act of 1996.
15. The system of claim 13 wherein said collection complies with all state standards of privacy and security for the geographical area in which the system operates.
16. The system of claim 1 further comprising a fee which is assessed for each access to a medical record.
17. The system of claim 1 further comprising a fee which is assessed for maintenance of a medical record.
18. The system of claim 1 wherein each medical record is vetted.
19. The system of claim 18 wherein the vetted medical record contains one or more of: corrections of incorrect information, notations of incorrect information, notations of anomalies, linking of errors, linking of anomalies, notation of discrepancies, linking of discrepancies, and combinations thereof.
20. A broad-band, computer-based networked system for individual control and management of electronic medical records comprising a plurality of medical records

representing a plurality of persons that complies with a federal standard of privacy and security.

21. The system of claim 20 which allows for certification of said medical records.
22. The system of claim 21 wherein certification represents a predetermined degree of completeness, accuracy or both to said medical records.
23. The system of claim 20 which allows for vetting of said medical records.
24. The system of claim 23 wherein vetted medical records have been reviewed and corrected or annotated for errors, discrepancies and anomalies.
25. The system of claim 20 which allows for non-repudiation of said medical records.
26. The system of claim 25 wherein non-repudiated medical records are primary for treatment of the person to whom each medical record pertains.
27. The system of claim 20 wherein the federal standard is the Health Insurance Portability and Accountability Act of 1996.
28. The system of claim 20 which further complies with a state standard of privacy and security.
29. The system of claim 20 wherein access to any one medical record is restricted to the person to whom said one medical record pertains or to others designated and authorized by said person.
30. A method for creating an accessible electronic medical records database comprising:
 - obtaining and compiling a medical record pertaining to a patient;
 - electronically inputting said medical record obtained into a secure computer database containing other medical records; and
 - allowing said patient and those authorized by said patient access to said patient's medical record wherein access to all other medical records is blocked.
31. The method of claim 30 wherein the medical record is obtained from a plurality of sources.
32. The method of claim 30 wherein access to the electronic medical record database complies with a federal standard of privacy and security.

33. The method of claim 30 wherein the federal standard is the Health Insurance Portability and Accountability Act of 1996.
34. The method of claim 30 further comprising updating the medical record database with additional medical information pertaining to said patient.
35. The method of claim 30 further comprising securely transmitting all or part of said patient's medical record to a third party as designated by said patient.
36. The method of claim 30 further comprising displaying said medical record pertaining to a patient.
37. An electronic database of medical records created and compiled according to the method of claim 30.
38. The database of claim 37 which contains the entire medical history of at least one person.
39. The database of claim 37 wherein each medical record is remotely accessible in whole or in part only by the patient to whom the medical record pertains and those authorized by said patient.
40. A business model comprising a secure database of medical records obtained from a plurality of sources whereby each medical record is accessible through transmission pathways and only by the person to whom the medical record pertains and those authorized by said person.
41. A method for integrating medical records to create a certified medical record database comprising:
 - obtaining medical information from one or more healthcare sources for a plurality of patients;
 - electronically inputting all of the medical information obtained into a secure computer database to create medical records; and
 - certifying that each of said medical records meet one of a plurality of certification standards established by the service provider to create the certified medical record database.

42. The method of claim 41 wherein any one of the certified medical records can be transmitted only to the patient to whom the record pertains or those authorized by said patient.
43. The method of claim 41 wherein the plurality of certification standards are selected from the group consisting of self-certification, certification by the service provider and combinations thereof.
44. The method of claim 41 further comprising a step whereby said patient obtains an analysis of the medical record.
45. The method of claim 41 further comprising providing said certified medical record database with the characteristic of non-repudiation.
46. A computer system for management of medical records comprising
 - a database of medical records pertaining to one or more subjects;
 - receiving means for receiving information pertaining to said medical records from one or more senders;
 - transmission means for transmitting a portion of said medical records to one or more receivers; and
 - authorization means for authorizing said senders and receivers according to a set of rules, wherein said set of rules is designated by said subjects.
47. The computer system of claim 46 wherein said database is a secure database.
48. The computer system of claim 47 wherein said secure database complies with a federal standard of privacy and security.
49. The computer system of claim 48 wherein the federal standard is the Health Insurance Portability and Accountability Act of 1996.
50. The computer system of claim 48 which further complies with a state standard of privacy and security.
51. The computer system of claim 46 wherein said receiving means is selected from the group consisting of: modem, cellular receiver, infrared receiver, Ethernet card, facsimile, cable modem, satellite receiver, optical, analog receiver, Internet hub, and web-server.

52. The computer system of claim 46 wherein said transmission means is selected from the group consisting of: modem, cellular transmitter, infrared transmitter, Ethernet card, facsimile, cable modem, satellite transmitter, analog transmitter, Internet hub, and web-server.
53. The computer system of claim 46 wherein said authorization means comprises public key encryption, digital signatures, biometrics, certificate authorities, or user passwords.
54. The computer system of claim 46 wherein said portion of said medical records have the characteristic of non-repudiation.
55. The computer system of claim 54 wherein said non-repudiated medical records are primary for treatment of said subjects.
56. The computer system of claim 46 further comprising an integration means for reception, display, analysis and modification of said medical records available to be performed on a plurality of systems of various health care providers, payors, clearinghouses, oversight agencies and other users.
57. The computer system of claim 46 wherein said database is administered by a service provider other than said subjects, senders, and receivers.
58. The computer system of claim 46 further including vetting means, wherein said vetting means allows said subjects to supplement said medical records with information relating to the accuracy of said medical records.
59. The computer system of claim 46 wherein said medical records are owned by said subjects.